GARVAN EXPLAINS PATENT STATEMENT

Declares German Lawyers Influenced U. S. to DeInfluenced U. S. to Demand Return. By the Associated Press. NEW YORK, July 8.—Francis P. Garvan, former alien property custodian now head of the Chemical 8:45 to 9 a.m.—Live stock receipts; live stock markets. 10 a.m.—Weather forecast for New England, New York, Pennsylvania, New Jersey, Maryland, the District of Columbia, North and South Carolina, Georgia, Florida, Alabama, Missisppl, Tennessee, Kentucky, West Virginia and Ohio on 2,950 meters. 10:30 a.m.—Meteorological report on 5,950 meters. 11:15 to 11:20 a.m.—Hog flash—Chicago and St. Louis. 11:20 to 11:40 a.m.—Fruit and vegetable shipments.

todian, now head of the Chemical Foundation, whose German patents, purchased from the alien propery custodian, the government now is demanding back, has issued a statement giving his reasons for the

charge he made that the action had been taken at the instigation of the German government and the Ger-man dye trust "without notice to the

man dye trust "without notice to the American organic chemistry industry or to the Chemical Foundation."

"Within about three weeks." said the statement, "a commission of three German lawyers, Rudolph Oppenheim, Hans Wagner and Karl Holderman, representing the German, Gartel, which in turn consists of all the organic chemical industry of Germany, arrived in this country to perfect plans for the recovery by Germany of their control in Ameica of the organic chemical industry.

"On Saturday, June 24, a conference was held at the office of O'Gorman, Battle, Vandiver & Levy, 37 Wall street, at which were present Mr. Vandiver and Mr. Levy, representing Herman A. Metz, the leading German importer, and several other lawyers representing the German embassy and other German interests. It was there decided that a direct action, o west

representing the German embassy and other German interests. It was there decided that a direct action to upset the sale would be inexpedient, but that the most promising procedure would be to attempt to induce the United States government to bring the action and to offer to the government. the action and to offer to the government all possible German assistance. Accordingly, a committee was appointed consisting of Messrs. Oppenheim and Wagner, Vandiver and Levy to go to Washington and consult with the Department of Justice "On Tuesday, June 27, this committee visited Attorney General's office and there placed before his assistants the German proposition and offered German assistance. Prio to that time neither the Chemical Foundation nor any one in any way repre-

that time neither the Chemical Foundation nor any one in any way representing them, nor any one representing any part of the American organic chemical industry had been asked any questions in reference to the sale, and sbusequent to the visit of the German representatives no request or opportunity was given to any American interests to answer the German representations before the announcement of the intended demand was made."

Answering another question as to what other sale in reference to patents the foundation case would become a governing precedent, he said:

Sees Precedent Upset.

"First, the sale of all wireless patents and plans to the United States government for the nominal sum of \$146,000." Germany had obtained the domination in this country through a patent system and to free the country from that control they were all sold to the government for what, of course, is an inadequate price if you consider the value to Germany of the control of the wiredation nor any one in any way representing them, nor any one representing any part of the American organic chemical industry had been asked any questions in reference to the sale,

to the chemical patent system and to free the country from that control they were all sold to the government for what, of course, is an inadequate price if you consider the value to Germany of the control of the wire-

Germany of the control of the wireless news of the world.
"Second, some 5.700 German patents
were selected by the Army and Navy
'as having been taken out by the Germans to control our freedom in waging war. These patents cover gunsights and countless other appliances and devices either used by our
Army and Navy or which might be
used in the future. Many of them
had been infringed upon by the Army
and Navy in the winning of the war.
The alien property custodian turned
over to the United States all the German rights and interests as between
this government and German interests to the Navy for the nominal sum
of \$100,000. This transaction will
also have to be upset."

The Week

Epitome of Events Up to July 8, 1922.

FOREIGN.

Irish rebels lose morale as mor strongholds fall. More insurgents taken at Dublin, now holding only 700 rebels. Mrs. Thomas Cheney Mexican-born wife of an American employed by an American company operating in the Tampico oil region killed by Mexican bandits June 29, when she recognized their leader, ac cording to report to State Department cording to report to State Department from Consul Shaw. De Valera's hotel target of shells in Dublin battle. Nearly 4,000 lepers given treatment at Manila. Hotel in flames as freestaters surround rebels in Dublin. Britain proposes four alliances to disarm world. Ten buildings afire as national army bombards rebels at Dublin. De Valera believed to have fled Dublin. A. Bruce Bielaski ordered arrested in Mexico for "selfabduction," is report. Rebels claim big gains in fighting in south Ireland.

NATIONAL.

Public comes first, President Harding warns coal conferees who meet to end coal strike. Rail strike starts throughout nation as shop craftmen obey order to quit. Big merger of automobile makers consummated at Dayton. Operators and mining men fail to end coal strike. Rail traffic continues unchecked by strike. President and Mrs. Harding witness evolutions on Gettysburg field. Seven killed and seventy-five hurt as Camden-Atlantic City night express on the Philadelphia and Reading railway leaves rails at curve. James D. Bailey, self-styled member of Congress, who effered to sell rural letter carriers automobiles for \$50 each, is arrested at Winston-Salem, N. C. July 4 celebrated throughout the nation. President Harding joins in 100th anniversary of founding of his home town, Marion, Ohio, and visits fair grounds. One hundred and fifty persons overcome as fire breaks out in New York subway. Tariff cloture move defeated, 45-35 vote, in Senate.

differ until their close.

4.15 p.m.—News; market and stock reports.

6:30 p.m.—News; final market and financial reports; base ball reports.

7:00 p.m.—"Uncle Wiggily Stedtime thor, of the "Uncle Wiggily Stories."

7:45 p.m.—Fashion Talks" by an entor of tharper's Bazaar.

8:00 p.m.—Concert by Herbert W. Reith, anjo and plano; Herbert W. Reith, saxaphone, plano and clarinet; William Mason, drums. Program: "Sensation." "Just a Little Love Song." "Virginia Blues," "Angel Child." "On a Moonlight Night." "Bluin' the Blues," "Stumbling," "St. Louis Blues," "That's How I Believe in "Virginia Blues," "Stumbling," "St. Louis Blues," "That's How I Believe in "Vou," "Georgia," "Shake It and Break It." "Lonesome Hours." "Stealling," "All That I Need Is You," "Georgia," "Song person of the William Assile."

9:30 p.m.—Concert by Herbert W. Reith, saxaphone, plano and clarinet; William Mason, drums. Program: "Sensation." "Just a Little Love Song." "Virginia Blues," "Angel Child." "On a Moonlight Night." "Bluin' the Blues," "Stumbling," "St. Louis Blues," "Concert by James Mac-Donald, b Public comes first. President Hard-

DISTRICT OF COLUMBIA.

Approximately 2,000 railway shopmen employed in Washington terminal and other railroad yards in and near the District walk out on strike. Senator Phipps announces that District walk out on strike. Senator Phipps announces that District fine the presentation of the viewpunt of the Architecture of the viewpunt of the Architecture of the viewpunt of the Architecture of the viewpunt of the State of the Viewpunt of the Viewpunt of the State of the Viewpunt of the Viewpunt of the State of the Viewpunt of the Vi WJZ—Westinghouse, Newark, N. J (360 Meters—Eastern Daylight-Sav-ing Time—Deduct One Hour). Approximately 2,000 railway shop-

BY RADIO TODAY

Complete Programs of Radio Broadcasting Stations.

special market news.
3:45 to 4 p.m.—Closing live stock

4 to 4:15 p.m.—Hay and feed mar-

5 p.m.—Weather report. 5:30 to 6 p.m.—Daily marketgram. 10 p.m.—Time signal; weather re-port; ship orders; 2,650 meters.

10:30 p.m.—Naval press news on 2,650 meters.

Except where noted, sending is CW 5,950 meters.

WYX-Post Office Department. 10 a.m.—Weather report for the District of Columbia, Pennsylvania

Ohio, Maryland, Virginia and West Virginia. 10:30 a.m.—Marketgram (fruit and

vegetables) on 1,100 meters.

12:30, 2:15 and 3:30 p.m.—C. W. marketgram telegrams on 1,980 me-

ters.
5 p.m.—Wholesale dairy report on
1,160 meters by radiophone.
7:30 and 8 p.m.—Market report on
1,160 meters by radiophone.
9:50 p.m.—Weather report.

WPM-Thomas J. Williams, Inc.

(360 Meters).

12:30 p.m.—News items; reports of

WVP—United States Signal Corps, Bedioes Island, N. Y. (1.450 Meters —Eastern Daylight-Saving Time—

8:50 p.m.—Instruction in radio. 9 p.m.—Concert.

WGI-Amrad, Medford Hillside, Mass. (360 Meters -- Eastern Daylight-Saving Time-Deduct One Hour).

KYW-Westinghouse, Chicago (366

9:25 a.m.—Opening market quota-tions, Chicago Board of Trade. 10 a.m.—Market quotations at one-half-hour intervals until 1 p.m. 1:20 p.m.—Closing market quota-

2.15 p.m.—News and market report

tolen automobiles.

VAA-Naval Radio Station, Radio, Va 8:45 to 9 a.m.-Live stock receipts; 600 -750,000 " .600,000 Noon—Time signal; weather report and ship orders on 2,650 meters.

1:40 to 2:25 p.m.—Fruit and vegetable markets.

2:25 to 2:55 p.m.—Crop reports and special perfect news.

250,000 per Second WAVE LENGTH.

EXPERT ADVICE ON RADIO

No. 48 .-- Wave Lengths and Frequency.

BY A. HYATT VERRILL,

The frequency of a radio wave is simply the number of times it goes through a complete vibration in one second. The length of the wave and its frequency are very closely related. Indeed, we may easily compute the length of a wave if we know its

frequency or its length.

The wave length is merely the dis-Expert on Radio Technology.

The matter of wave lengths is nearly always a puzzle to beginners.
They may understand that a wireless or radio wave is an oscillation set up in the ether, but they cannot understand how wave lengths are measured. Try to think of waves in terms of frequency rather than terms of length or size. You can then understand why the wave lengths or frequencies have nothing to do with the distance at which they may be received and heard.

You must not confuse wave velocity or speed with wave frequency or the little waves sent out by amateurs. If you stop to consider, you will see that this must be so, just as you know that the long ocean rollers coming in on a beach break less frequently than the tiny ripples during a light wind when the water is nearly calm.

Sensitive Instruments Factor.
But because the low frequency waves are long waves does not mean that they can he heard farther than

not vary, no matter what its frequency or length may be, but remains constant. Exactly as a light wave or a heat wave remains constant. It makes no difference whether a ray of light comes from an arc light, a match or the sun, for, regardless of its origin, it always travels at a definite speed, and it makes no difference whether a heat wave emanates from a great furnace or a tiny spark or the sun, it always travels at the same speed.

But because the low frequency waves does not mean that they can he heard farther than the high-frequency short waves. Undoubtedly, the high-frequency waves are weak waves, they do not set up vibrations which can be detected in ordinary instruments. On the hand, the low-frequency long waves are strong waves, and disturb the ether or vibrate the instruray of light comes from an arc light, a match or the sun, for, regardless of its origin, it always travels at a definite speed, and it makes no difference whether a heat wave emanates from a great furnace or a tiny spark or the sun, it always travels at the same speed.

Wave Speed Constant.

No matter whether the radio wave is started on its journey by a buzzer or from the great transatiantic sending station, it will always move through the ether at a speed of practically 300,000,000 meters per second. Just as the lengths of heat or light waves vary according to the color of light or the heat of the object producing the waves, so the frequency of the wave started for radio waves varies according to the instruments which produce them.

The frequency of a radio wave is

INSTRUCTOR NEW YORK, Y. M.C.A. RADIO SCHOOL

NECESSARY PRECAUTIONS REGARDING FILAMENT CURRENT AND PLATE POTENTIAL

(Bond). 8:50—Edward Askins will sing his

Melody Juniors of Pittsburgh.

6 p.m.—Popular concert.

7 p.m.—"Activities at Mayview."
Mrs. Enoch Rauh, department of charities, city of Pittsburgh, Pa.

8 p.m.—Elizabeth Reese Lloyd, soprano, of Ben Avon M. E. Church (R. R. Reese Studio); Mary Reese Wilson, contralto, Second Presbyterian Church, Wilkinsburg (R. R. Reese Exudio); R.

(Bond). Si50—Edward Askins will sing his new ballad waltz song entitled. Si70u'll Be More Than a Dream Girl to Me."

Si55—Albert C. Maguire, tenor, accompanied by Edward McQuire, pianiest, "Where My Caravan Has Rested" (Lohr); "I'll Forget You'; "The World Is Waiting for the Sunrise" (Suty).

KDNA—Westinghouse. East Pittsburgh (Suty).

KDNA—Westinghouse. East Pittsburgh (Suty).

KDNA—Westinghouse. East Pittsburgh (Suty).

MRDHA—Westinghouse. East Pittsburgh (Suty).

MRDHA—Westinghouse East Pittsburgh It has been pointed out that an in- are themselves positively charged.

\$7.50 up.

This novel design is very efficient

denser case and the other is movable without rotating. The dielectric separating the two plates is a thin disc of high-grade mica. There being no movable plates, the condenser does not require to be balanced and is stable and permanent in adjustment at any setting of the scale. For this reason it is especially well

New Apparatus and Devices

By Ralph Brown, Radio Engineer

A VARIABLE CONDENSER WITH MICA DIELECTIC. The construction of the variable, The condenser illustrated has a

Reger, accompanist, and organist at Ben Avon M. E. Church.

Program—Soprano solos, "Hear Ye Israel" ("Elijah," Mendelssohn).
"Song of the Soul" (Briel), "Waltz Song" ("Romeo and Juliet," Gounod); contralto solos, "If I Were a Rose" (Hessleberg), "Sort of Miss You" (Penn), "Barbara Fritchie" (Sloman); baritone solos, "Love's Garden of Roses" (Wood), "Love's Garden of Roses" (Wood), "Love and Life" (L. M. Genet), "It Is Enough" ("Elijah," Mendelssohn); piano, selected; duets, "Roses of Picardy" (Hayden Wood), "Passage Bird's Farewell," "Hildach"; trlo, "Hear Our Prayer" (Abbott), "The Mariners" (Handregger); cello solo, "Kolindre" (Bruch). condenser illustrated is quite differ- maximum capacity of .001 microent from the usual intermeshed plate farads. types having an air dielectric. One Meters - Central Daylight - Saving Time - Same as Eastern Standard advantage is the securing of the de- Two metal plates only are used. One sfred maximum capacity in a con-denser of much smaller dimensions, denser case and the other is movable denser of much smaller dimensions.

CAVE-IN WRECKS HOUSE.

2.15 p.m.—News and market report.
3 p.m.—American and National
League base ball team line-ups; progress of games every half hour thereafter until their close.
4.15 p.m.—News; market and stock 20-Foot Subsidence Over Scranton

Mine Causes Collapse.

SCRANTON, Pa., July 8.—Part of the rear of the home of John Mullen, in South Scranton, collapsed early yesterday, when there was a subsidence of about twenty feet in the surface over the National mine of the Glen Alden Coal Company.

The remainder of the house was badly cracked and is uninhabitable. A portion of the rear lot of an adjoining dwelling was slightly affected by the cave-in.

FAITH IN DAUGHERTY.

Only Few "Noes" in Ohio Bar Association Vote.

SANDUSKY, Ohio, July 8.—The Ohio State Bar Association, at its annual convention here, yesterday adopted a resolution "pledging faith" in Attorney General Harry M. Daugherty. The resolution, adopted by a decisive vote, with only a few scattering "noes," said that "certain propagand has been made in Congress and in the press tending to discount and discredit the service and character of Mr. Daugherty."

By the same that any setting of the scale. For this reason it is especially well suited to panel mounting. Very low effective resistance in this condenser insures increased selectivity in any receiving set. The scale is practically the 360 degree instead of the usual 180-degree scale. The type shown is for table mounting. Very low effective resistance in this condenser insures increased selectivity in any receiving set. The scale is practically the 360 degree instead of the usual 180-degree scale. The type shown designed for panel mounting. Very low effective resistance in this condenser insures increased selectivity in any receiving set. The scale is practically the 360 degree instead of the usual 180-degree scale. The type shown designed for panel mounting. Very low effective resistance in this condenser insures increased selectivity in any receiving set. The scale in practically the 360 degree instead of the usual 180-degree scale. The type shown the scale in practically the same. less the binding for the accommodation of screws or boits. It is only necessary to drill four holes in the panel. A large knob is provided for ease in securing

Nothing takes the place of Insurance. Nothing will pay you as well-as being properly covered. What you require; and what it will cost—are mat-

ters to talk over with us. Phone Main 601-602. LeRoy Mark, Inc. Colorado Building

E Independent

You know you simply

cannot operate your

Automobile without werry

if you are without Insur-

ance. It's the unexpected

that's always happening-

and one crash may cost

more than the premium for

a year's protection.

Woodward & Nothrop

New York

Washington

CLOSED SATURDAYS

Skirts and Sweaters

A summer's sports fashion come to staydistinguished from other seasons by new fabrics—weaves—designs and colorings.

When Skirts are White

HEY are very, very white, even to the stripes, plaids I or other designs that mark them as new this season. There are pleated skirts and plain skirts-some of them choosing the fascinating fringe; some wrapped around; others preferring the strictly tailored life to any other.

They are fashioned of Canton crepe, Roshanara crepe, satin-striped crepes and handsome novelty sports crepes -Thisldu, flannel and basket weaves.

There are delightful models for every type, as well as every sport—but above all other things, skirts are WHITE.

\$12.50 to \$25

Skirt Section, Third floor

When Sweaters are Colorful

THAT is as they should be, says Fashion this summer-daring anything in their brilliant stripes that run up or down, as they like-weaving a radiant orange, blue, green or yellow along their likewise colorful backgrounds. Fashion chooses between the tuxedo and the slip-on,

many of the former in the handsome heavy organzine silks, the latter in smart iceland or mohair. Several from our large assortments are sketched.

Others begin at \$3.95 and go to \$29.50 Sweater Section, Third floor.



Tile Blue Iceland Wool Slip-on,

striped in black and \$10.75

Green and White Striped Ice-

land Wool Slip-on Sweater,

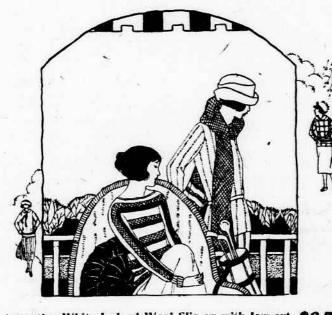
\$10.75 - White Flannel \$20

Skirt, piped in jade

Handsome Jade Pure-thread Silk Tuxedo-also shown in white, gray, gold, orchid, black and \$29.50



Imported English Golf Coat, of pure cashmere wool, \$29.50 in sand shade..... Other Imported Golf Coats,



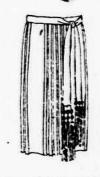
Attractive White Iceland Wool Slip-on with low-cut \$6.75 sleeves, showing a color scheme of yellow, orange, \$8.75



Orchid Pure-thread Organzine Silk Tuxedo, with braided belt and cuff trimmings, \$19.75. Accordion - pleated White Canton Crepe \$17.50



Figured Golfspun Skirt, wraparound model with large \$25 pearl buttons



Box-pleated White Flannel Skirt, with long sash smartly finished with colored beads and silk \$22.50



Thisldu Sports Skirt, with smart fringed bottom - wrap-around model with pearl but- \$20

Cool, Summer Lingerie--- and Negliges





Beautifully Embroidered

Philippine Gowns and

Chemise, \$3

The sheer quality and lovely handwork

is particularly emphasized in the gowns and chemise at this low price.

Gowns with round, V or square necks, daintily scalloped, and embroidered in

Chemise to match many of these gowns-

offering a charming set of lingerie for oneself or a gift.

clever little designs.

that, invite one to leisure hours this warm summer weather—at home or vacationing

Crepe de Chine Gowns and Chemise

Lacy affairs of pale blue, orchid and pink-with no sleeves at all, and medallions of filet and edges of Valenciennes and two-tone ribbons for charm-others choose to be strictly tailored, with a bit of drawnwork for trimming. Gowns, \$6 and \$7.50.

Envelope Chemise, for the most part tailored, with straps over the shoulder, in flesh, orchid, blue and yellow-\$4

Plisse Crepe Underthings

The lovely pastel shades of blue, orchid, pink and peach are used in the happiest of color combinations-in

Gowns, \$3 and \$3.50 Step-ins, \$1.50 Chemisettes, \$1.50 Bloomers, \$2

Cool Dimity and Batiste Step-ins and Chemisettes to Match

Delightful color combinations. Some are very much tailored-others with a bit of filet lace-

\$1, \$1.50 and \$2 each garment.

Underwear Section, Third floor.

Color-Embroidered White Voile Breakfast Coats, \$5

broidered nainsook slips.

Shadowproof Princess Slips -A necessary summer fashion, with

the new slim line one-piece frocks

\$1.50-Tailored muslins or embroid-

ery trimmed-and white sateen slips,

\$2-Dainty lace trimmed and em-

\$4.50-Very fine quality white sateen

\$3-White tailored sateen slips.

Of white voile embroidered in rose, gold, blue or pink, and piped in satin to match.

And these are so comfortably sized, and so dainty and cool withal-with their large shawl collar and loose flowing sleeves edged with lace, that one can scarcely afford to be without such a garment during

hot weather.

Negliges, \$6

From Japan Are Silken Extra Size Dotted Swiss

Dotted Swiss

Negliges, \$3

Crepe de Chine Neglige \$10.50

than one of these dainty crepe de chine negliges, with loose flowing sleeves and trimmed all around with pleating—in rose, copen, wistaria, light blue and pink.

worn this season.

double to hip.

Cotton Crepe Breakfast Coats and Negliges \$5 to \$6.75

Crepe Negliges, \$12 Sheer and lovely, with the beautiful cherry blossom pattern in exquisite colorings. They are silk lined, and in rose, pink, blue and orchid.

With collar, cuffs and pocket trimmings of white organdy edged with val lace.

What more serviceable and yet lovelier in which to appear

Neglige Section, Third Soor.